FISHERIES AND OCEANS CANADA

South Coast Assessment Bulletin

CREEL SURVEY DATA REVIEW PACKAGE

Area 121 July 2020



Prepared By: South Coast Salmon Stock Assessment Section

Friday 19th February, 2021



Fisheries and Oceans Canada Pêches et Océans Canada



		Pacific Gateway	Port Re Mar	
		Marina		
Date	Day Type	MD	MD	PM
28 Jun 2020	Weekend	4	2	
29 Jun 2020	Midweek	6		
30 Jun 2020	Midweek			
01 Jul 2020	Weekend	4		
02 Jul 2020	Midweek		1	
03 Jul 2020	Midweek	8		
04 Jul 2020	Weekend	15		
05 Jul 2020	Weekend			
06 Jul 2020	Midweek		2	
07 Jul 2020	Midweek			
08 Jul 2020	Midweek		2	
09 Jul 2020	Midweek			1
10 Jul 2020	Midweek	9	1	
11 Jul 2020	Weekend			
12 Jul 2020	Weekend	10	3	
13 Jul 2020	Midweek			2
14 Jul 2020	Midweek	10		
15 Jul 2020	Midweek		2	
16 Jul 2020	Midweek		1	
17 Jul 2020	Midweek			
18 Jul 2020	Weekend	7		
19 Jul 2020	Weekend		1	
20 Jul 2020	Midweek	5		
21 Jul 2020	Midweek			
22 Jul 2020	Midweek	7	2	
23 Jul 2020	Midweek		2	
24 Jul 2020	Midweek	12		
25 Jul 2020	Weekend			
26 Jul 2020	Weekend	10		
27 Jul 2020	Midweek			
28 Jul 2020	Midweek	10		
29 Jul 2020	Midweek		1	
30 Jul 2020	Midweek			1
31 Jul 2020	Midweek			
01 Aug 2020	Weekend	14		
02 Aug 2020	Weekend			
03 Aug 2020	Weekend	7	2	

Table 1: Numbers of Interviews conducted contributing to the area by day and access site.

Date	Day	Average Fishing Conditions	Interviews & Log Trips	Chinook	Coho	Sockeye	Halibut	Observed Fishing	Flight Time	Expanded Fishing
28-Jun-2020	Sunday	choppy	6		6		13			
29-Jun-2020	Monday	calm/rippled	6				11			
30-Jun-2020	Tuesday	**	0					0	0931	0
01-Jul-2020	Wednesday	calm/rippled	4		7		13			
	(Canada Day)	11								
02-Jul-2020	Thursday	calm/rippled	1				1			
03-Jul-2020	Friday	calm/rippled	8				19			
04-Jul-2020	Saturday	calm/rippled	15		18		56	32	0818	45
05-Jul-2020	Sunday		0							
06-Jul-2020	Monday	calm/rippled	2		4		4			
07-Jul-2020	Tuesday		0		-			22	0824	29
08-Jul-2020	Wednesday	calm/rippled	2		1		5		0021	_,
09-Jul-2020	Thursday	calm/rippled	1		1		2			
10-Jul-2020	Friday	calm/rippled	10		36		37			
10 Jul 2020	Saturday	cumppied	0		50		51	28	0818	39
12-Jul-2020	Sunday	choppy	13		25		37	20	0010	57
12-Jul-2020	Monday	calm/rippled	2		4		51			
13-Jul-2020	Tuesday	choppy	10		40		30			
15-Jul-2020	Wednesday	calm/rippled	2		40 7		2			
16-Jul-2020	Thursday	~ ~	1	2	2		3			
17-Jul-2020	Friday	choppy	0	2	2		5	15	0817	19
17-Jul-2020	Saturday	calm/rippled	7	5	35		8	15	0817	19
19-Jul-2020	Sunday	**	1	3	4		8 1			
20-Jul-2020	Monday	choppy	5	8	4	1	13	11	0818	15
20-Jul-2020 21-Jul-2020	Tuesday	choppy	0	0	10	1	15	11	0010	15
	•	calm/rippled	9	47	4		23			
22-Jul-2020	Wednesday	calm/rippled	2	4/	4 4		25			
23-Jul-2020	Thursday			20			20			
24-Jul-2020	Friday	choppy	12	20	91		30	2	0025	4
25-Jul-2020	Saturday	1 / • 1 1	0	0	25		22	3	0925	4
26-Jul-2020	Sunday	calm/rippled	10	8	25		22	21	0818	29
27-Jul-2020	Monday	1 (* 1 1	0	10	6		25			
28-Jul-2020	Tuesday	calm/rippled	10	10	6		35			
29-Jul-2020	Wednesday	calm/rippled	1		1		3			
30-Jul-2020	Thursday	calm/rippled	1				1			
31-Jul-2020	Friday		0				• •			
01-Aug-2020	Saturday	choppy	14	64	66		39			
02-Aug-2020	Sunday		0	. –				50	0925	66
03-Aug-2020	Monday (B.C.	calm/rippled	9	47	41		14			
	Day)							*		*
	Totals	calm/rippled	79	87	216	1	208	16*		21*
	Totals	calm/rippled	50	16	114		137	21*		29*

Table 2: Daily tally of interviews, catch and effort.

* Average number of boats Observed and Expanded

				CPUE				Retained				
Day Type	Average	Number of	Total	Chinook	Coho	Sockeye	Halibut	Chinook	Coho	Sockeye	Halibut	
	Expanded	Days	Estimated									
	Boats		Effort									
Weekend	29	9	261	0.32	2.28		2.74	84	595		715	
Midweek	21	22	462	1.1010	2.7340	0.0130	2.6330	509	1263	6	1216	

Table 3: Simple area based cpue (catch per boat trip) expansion.

Table 4: Recent years estimates of retained catch and effort.

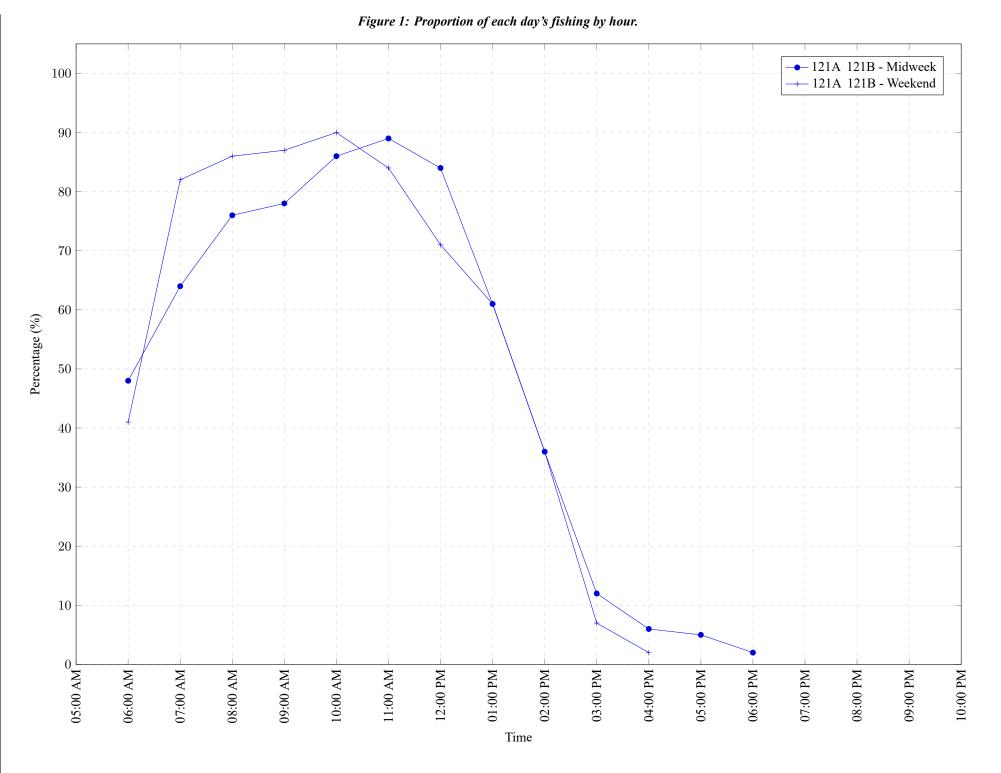
Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2015	July	829	4933	912		1873
2016	July	1415	5670	1059		2690
2017	July	2128	10578	5934		3481
2018	July	1867	5561	3374		3681
2019	July	1698	2043	4902		5549
2020	July	718	529	1473	5	1904
5-Yr Avg	July	1587	5757	3236		3455

Table 5: Sport Head Recovery Review.

Species	Creel Marked Catch		Creel Submission Rate	iRec Marked Catch	iRec Mark Rate	iRec Submission Rate	Sport Head Recoveries
Coho	1278	87%	1%	940	95%	2%	18
Chinook	293	55%	2%	179	45%	3%	5

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	208	68%
iRec Anglers	1034	86%



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Table 7: Proportion of each day's fishing by hour.

Areas	Day Type					10:00 AM												10:00 PM
121A 121B	Midweek	48%	64%	76%	78%	86%	89%	84%	61%	36%	12%	6%	5%	2%	0%	0%	0%	0%
121A 121B	Weekend	41%	82%	86%	87%	90%	84%	71%	61%	36%	7%	2%	0%	0%	0%	0%	0%	0%

Date	Day Type	Pacific	Port
		Gateway	Renfrew
		Marina	Marina
28 Jun 2020	Weekend	calm/rippled	frequent
			whitecaps
29 Jun 2020	Midweek	calm/rippled	
30 Jun 2020	Midweek		
01 Jul 2020	Weekend	calm/rippled	
02 Jul 2020	Midweek		calm/rippled
03 Jul 2020	Midweek	calm/rippled	
04 Jul 2020	Weekend	calm/rippled	
05 Jul 2020	Weekend		
06 Jul 2020	Midweek		calm/rippled
07 Jul 2020	Midweek		
08 Jul 2020	Midweek		calm/rippled
09 Jul 2020	Midweek		calm/rippled
10 Jul 2020	Midweek	calm/rippled	calm/rippled
11 Jul 2020	Weekend		
12 Jul 2020	Weekend	choppy	choppy
13 Jul 2020	Midweek		calm/rippled
14 Jul 2020	Midweek	choppy	
15 Jul 2020	Midweek		calm/rippled
16 Jul 2020	Midweek		choppy
17 Jul 2020	Midweek		
18 Jul 2020	Weekend	calm/rippled	
19 Jul 2020	Weekend		choppy
20 Jul 2020	Midweek	choppy	
21 Jul 2020	Midweek		
22 Jul 2020	Midweek	calm/rippled	calm/rippled
23 Jul 2020	Midweek		calm/rippled
24 Jul 2020	Midweek	choppy	
25 Jul 2020	Weekend		
26 Jul 2020	Weekend	calm/rippled	
27 Jul 2020	Midweek		
28 Jul 2020	Midweek	calm/rippled	
29 Jul 2020	Midweek		calm/rippled
30 Jul 2020	Midweek		calm/rippled
31 Jul 2020	Midweek		
01 Aug 2020	Weekend	choppy	
02 Aug 2020	Weekend		
03 Aug 2020	Weekend	calm/rippled	choppy

Table 8: Daily Fishing Conditions.